

LEPIDOPTERA OF ABERDEENSHIRE AND KINCARDINESHIRE

6th Appendix

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IN THIS, the sixth appendix to the list of lepidoptera of North and South Aberdeenshire and Kincardineshire (Vice-Counties 91-93), 22 species new to the area since the publication of the 5th appendix (*Ent. Rec.* 99: 111-114) are included. Five species which were recorded in the lists of Reid (1893) and Trail (1878) have been rediscovered and two cases of mis-identification have been corrected.

The second part of the list contains records of scarce or migratory species of macrolepidoptera and the third part is a supplementary list of new vice-county records of microlepidoptera.

Most of the records are those of the authors, records of other lepidopterists are acknowledged in the text.

References

- Reid, W. (1893). *List of the Lepidoptera of Aberdeenshire and Kincardineshire*.
Trail, J.W.H. (1878) *Trans. Nat. Hist. Soc. Aberdeen*, 28-42.

Part 1. (New or rediscovered species)

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| <i>Fomoria septembrella</i> Stt. | 92. Near Monymusk (M. Townsend). |
| <i>Stigmella serella</i> Stt. | 92. Muir of Dinnet NNR, mines on <i>Potentilla erecta</i> , 1988. |
| <i>S. perpygmaeella</i> Doubl. | 92. Bucksburn, mines on <i>Crataegus</i> . |
| <i>S. oxyacanthella</i> Stt. | 92. Bucksburn, mines common on <i>Crataegus</i> . |
| <i>S. betulicola</i> Stt. | Mines on <i>Betula</i> : 91. Red Moss, Netherley
92. Muir of Dinnet, NNR. |
| <i>S. glutinosae</i> Stt. | Mines on <i>Alnus glutinosa</i> : 91 near Edzell;
92. Glentamar. |
| <i>Lampronia morosa</i> Zell. | Common among wild rose, pupates in the shoots
(Reid, 1892).
91. St. Cyrus NNR, one, 1987. |
| <i>L. fuscata</i> Tengs. | 92. Muir of Dinnet NNR, one, 1989 (D. Barbour). |
| <i>Nematopogon magna</i> Zell. | 92. The Craig, Strathdon, one, 1988. |
| <i>Heliozela resplendella</i> Stt. | Mines common on <i>Alnus glutinosa</i> :
92. Elrick Hill and Loch Davan.
93. Gight woods. |
| <i>H. hammoniella</i> Sorh. | Mines on <i>Betula</i> : 91. Near Edzell;
92. Glen Muick (K.P. Bland). |
| <i>Dahlica lichenella</i> Linn. | 92. Glen Muick, one in 1985 (M. Harper). |
| <i>Diplodoma herminata</i> Geoff. | 92. Inver, one, 1988. |
| <i>Haplotinea insectella</i> Fabr. | 93. Gight woods, one, 1987. |
| <i>Phyllonorycter blancardella</i> Fabr. | 91. Inchmarlo, near Banchory, bred from larvae on
<i>Malus domestica</i> . |

- Elachista orstadii* Palm. 92. Morrone Hill 1984 (R. Knill-Jones, det. gen. E.C. Pelham-Clinton).
- Biselachista trapeziella* Stt. 91. Near Edzell 1985 (R. Knill-Jones).
- B. albidella* Nyl. 92. Loch Kander, common 7/86.
- Eulamprotes phaella* Heckford & Langmaid. 92. Muir of Dinnet NNR, one 7/87.
- Scrobipalpa nitentella* Fuchs 91. The species previously recorded as *S. atriplicella* F. v R. (common at St Cyrus NNR and bred from *Atriplex hastata*), is now believed to be this species. Records of *S. atriplicella* should be deleted.
- Blastobasis decolorella* Woll. 92. Busksburn, one in 1986, Dyce, one in 1987, several in 1988 and now (1989) a very common species at light in Dyce.
- Olethreutes arbutella* L. 92. Braemar (Reid, 1982): Muir of Dinnet NNR and The Crannach near Ballater.
- Epinotia maculana* F. 92. Braemar, one (Trail, 1878): Muir of Dinnet NNR.
- Cydia strobilella* L. 92. Tyrebagger Forest (M. Townsend), and near Monymusk, bred from spruce cones.
- Catoptria furcatellus* Zett. 92. Beinn a Bhuird range and mountains south of Braemar (Reid, 1982): Cairn an Tuirc, 7/87.
- [*Pyrausta purpuralis* L. should be deleted from the list for VC92. The specimen taken on Morrone Hill by E.C. Pelham-Clinton was identified before the separation of *P. purpuralis* and *P. ostrinalis* Hb. and he subsequently re-identified it as *P. ostrinalis*.]
- Eupithecia abietaria* Goeze. 92. Inverurie (Reid, 1892): Tyrebagger Forest, one, 1986 (M. Townsend).
- Ennomos erosaria* D. & S. 92. Dinnet Oak Wood NNR, common at light, 1989 (J. Parkin).

Part 2 (Scarce or migratory species)

- Coenonmypha tullia* Mull. 91. Red Moss of Netherley.
- Orthonama vittata* Borkh. Loch of Strathbeg, first record from VC93.
- Lomaspilis marginata* L. 91. Red Moss of Netherley and near Edzell.
- Although common throughout most of Britain, these are the first recent Kincardineshire records and only the second from VCs 91-93 this century.
- Colotois pennaria* Hb. Oldmeldrum: first record from VC93
- Agrius convolvuli* L. 93. Oldmeldrum, one, 1988.
- Rhyacia simulans* Hufn. 92. Drum links and Foveran, 1988 (B. Skinner). Bucksburn, three, 1988.
- Apamea maillardi exulis* Lefeb. 93. Oldmeldrum, one, 1987.

Part 3. New Vice-County records of microlepidoptera

Species new to Kincardineshire (91):

Bohemannia pulverosella Stt.: *Stigmella salicis* Stt.: *S. glutinosae* Stt.: *Tinea pellationella* L.: *Swammerdamia compunctella* H. & S.: *Coleophora viminetella* Zell.: *Elachista humilis* Zell.: *Bryotropha umbrosella* Zell.

Species new to S. Aberdeenshire (92):

Stigmella myrtillella Stt.: *Coleophora lithargyrinella* Zell.: *Acleris logiana* Cl.

Species new to N. Aberdeenshire (93):

Ectoedemia occultella L.: *Stigmella malella* Stt.: *Tischeria ekebladella* Bjerk.:
Argyresthia semitestacella Curt.: *Teleiodes decorella* Haw.: *Byrotropha mundella*
 Doug.: *Aethes piercei* Obraz.: *Philedonides lunana* Thunb.: *Endothenia marginana*
 Haw.: *E. caprana* F.

Species now recorded from all three Vice Counties:

Stigmella aurella F.: *S. tityrella* Stt.: *S. microtheriella* Stt.: *Phylloporia bistrigella*
 Haw.: *Incurvaria pectinea* Haw.: *Bucculatrix demaryella* Dup.: *Parornix betulae*
 Stt.: *Phyllonorycter rajella* L.: *P. geniculella* Rag.: *Elachista regificella* Sirc.: *E.*
gleichnella F.: *E. kilmunella* Stt.: *Scrobipalpa samadensis plantaginella* Stt.:
Mompha conturbatella Hb.: *M. propinquella* Stt.: *Olindia schumacherana* F.:
Ancylis geminana Don.

***Hedychridium coriaceum* (Hymenoptera: Chrysididae) and other less common aculeate Hymenoptera from Mitcham Common, Surrey.**

In 1984, A.D. Sclater (in Morris 1984) recorded a single specimen of *Hedychridium coriaceum* which he took "at a flower" (pers. comm.) on Mitcham Common. Since then, I have frequently found *H. coriaceum* on this site and in my experience, flower visiting is not unusual although there do not seem to be published records of such habits. Specimens taken on 30.7.1988 were found at yarrow *Achillea millefolium*. In 1990, I also took this species at hogweed *Heracleum sphondylium* and cinquefoil *Potentilla reptans* and an unidentified *Leontodon* sp. (Compositae).

On Mitcham Common, *H. coriaceum* can be extremely abundant, and is often found on the bare compacted sand of footpaths where its host *Lindenius albilabris* nests. However, I have also seen it flying in numbers over very short turf. Currently *H. coriaceum* is listed as RDB 3 (Shirt 1987) and it seems likely that Mitcham Common is an important stronghold. The flight period in 1990 was 10.06 to trapping period 28.07/04.08.1990. This species is frequently taken in water traps, sometimes well away from the main host nesting sites, amongst ranker grassland. Indeed, *H. coriaceum* appears to be more abundant than either *H. roseum* or *H. ardens* on Mitcham Common.

Mitcham Common has yielded many other interesting aculeates amongst which, the discovery of *Adrena florea* (RDB 3) was particularly pleasing. so far, I have taken only two individuals of this species, both of which were at white bryony *Bryonia dioica* in 1990. Another surprise was *Hylaeus cornutus* which proved to be widespread and was often seen at hogweed. *Andrena bimaculata* was also common in 1990 and was found to be nesting along the edge of a footpath in very short turf. Nests of this species appear to be widely spaced and not obviously colonial.

The solitary wasp fauna is also very rich. One of the more surprising finds was the pompilid *Auplopus carbonarius* which was first found nesting in the root plate of a lombardy poplar which was also colonised by *Colletes*